



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northeast</u>									
Mitchell County Mitchell	18	2145CST			0	0	2.5K	7.5K	Hail(2.00)
Mitchell County 2 SE St Ansgar	18	2145CST			0	0	4K	15K	Thunderstorm Wind (G61)
Mitchell County Mitchell	18	2150CST			0	0	2K	10K	Thunderstorm Wind (G55)
Mitchell County 1 W Osage	18	2150CST			0	0	4.5K	12K	Thunderstorm Wind (G61)
Straight-line winds estimated at 65 to 70 mph caused a farm shed to collapse, knocked down power poles and trees, as well as caused widespread damage to crops.									
Howard County 7 S Cresco	27	1933CST			0	0	7.5K		Thunderstorm Wind (G55)
Winneshiek County Decorah	27	1942CST			0	0	1K	10K	Thunderstorm Wind (G55)
Allamakee County Waterville	27	2000CST			0	0	1.5K		Thunderstorm Wind (G56)
Estimated wind gusts of 65 mph damaged a farm near Cresco (Howard County), snapped off and blew down several trees near Waterville (Allamakee County) and damaged corn fields near Decorah (Winneshiek County).									
<u>MINNESOTA, Southeast</u>									
Olmsted County 1 W Byron	18	1243CST			0	0			Hail(0.75)
Dodge County 7 S Dodge Center	18	1245CST 1250CST			0	0			Funnel Cloud
Fillmore County Preston	18	1405CST			0	0	1K	2K	Thunderstorm Wind (G52)
Storm spotters reported dime size hail and also sighted a funnel cloud, which did not touch down. In the Preston area (Fillmore County), winds estimated at 60 mph damaged corn fields and toppled some large trees.									
Olmsted County 1 W Rochester	21	1645CST			0	0			Hail(0.75)
Olmsted County Rochester	21	1648CST			0	0			Hail(0.75)
Olmsted County Rochester	21	1648CST			0	0			Thunderstorm Wind (G52)
Olmsted County Rochester	21	1739CST			0	0			Thunderstorm Wind (G50) ^M
Storm spotters and the public reported dime size hail, while a wind gust of 58 mph was recorded at the Rochester International airport.									
Mower County 8 S Austin	27	1809CST			0	0			Thunderstorm Wind (G50)
Mower County Lyle	27	1825CST 1831CST			0	0			Funnel Cloud
Storm spotters estimated wind gusts of 58 mph and also reported a funnel cloud near the Minnesota/Iowa border									



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MINNESOTA, Southeast</u>									
Wabasha County									
Lake City	28	1930CST 2015CST			0	0	1.5K		Flash Flood
Two inches of rain in less than an hour caused several streets to become flooded.									
Olmsted County									
Byron	30	1620CST			0	0	2.5K		Thunderstorm Wind (G57)
Olmsted County									
3 W Rochester	30	1623CST			0	0		3.5K	Thunderstorm Wind (G61) ^M
Olmsted County									
5 N Rochester	30	1630CST			0	0			Thunderstorm Wind (G52)
Olmsted County									
Eyota	30	1636CST			0	0			Thunderstorm Wind (G52)
Dodge County									
Kasson	30	1640CST			0	0	1.3K		Thunderstorm Wind (G57)
Dodge County									
Mantorville	30	1642CST			0	0			Hail(0.75)
Olmsted County									
1 N Chatfield	30	1650CST			0	0	7.5K		Thunderstorm Wind (G55)
Winona County									
4 W Lewiston	30	1653CST			0	0		2.5K	Thunderstorm Wind (G54) ^M
Fillmore County									
Whalan	30	1703CST			0	0	2K		Thunderstorm Wind (G57)
Wind gusts of 60 to 70 mph knocked down numerous trees and power lines. A tree, which was three feet in diameter, fell on a car near Chatfield (Olmsted County).									
<u>WISCONSIN, Southwest</u>									
Grant County									
West Portion	06	0920CST 1220CST			0	0	1.5K	3.5K	Flash Flood
Richland County									
West Portion	06	0956CST 1115CST			0	0	1K	2.5K	Flash Flood
Rainfall totals of 3 to 6 inches caused localized flash flooding. Law enforcement officials reported an anhydrous ammonia tank floating in 2 to 3 feet of water near Beetown (Grant County).									
Taylor County									
5 W Medford	21	1639CST			0	0			Thunderstorm Wind (G56)
Buffalo County									
Cream	21	1655CST			0	0			Thunderstorm Wind (G53)
Clark County									
Longwood	21	1740CST			0	0			Thunderstorm Wind (G52)
Clark County									
3 W Loyal	21	1745CST			0	0			Thunderstorm Wind (G53)
Monroe County									
Sparta	21	1917CST			0	0			Thunderstorm Wind (G52)
Jackson County									
Alma Center	21	1920CST			0	0			Thunderstorm Wind (G55)
Winds estimated at 60 to 65 mph knocked down several trees and power lines.									



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WISCONSIN, Southwest

Crawford County

Mt Sterling	27	2034CST			0	0	1.2K	2K	Thunderstorm Wind (G56) ^M
--------------------	----	---------	--	--	---	---	------	----	--------------------------------------

An amateur radio operator measured wind gusts of 65 mph, which knocked down some trees and power lines.

Buffalo County

6 S Mondovi	28	1830CST			0	0			Hail(0.88)
--------------------	----	---------	--	--	---	---	--	--	------------

Buffalo County

Nelson	28	1859CST			0	0	0.75K		Thunderstorm Wind (G56) ^M
---------------	----	---------	--	--	---	---	-------	--	--------------------------------------

Buffalo County

Nelson	28	1900CST			0	0			Thunderstorm Wind (G50)
---------------	----	---------	--	--	---	---	--	--	-------------------------

Storm spotters measured wind gusts of 65 mph, which blew down large limbs and branches.

Buffalo County

Buffalo City	30	1631CST			0	0	0.50K		Hail(0.88)
---------------------	----	---------	--	--	---	---	-------	--	------------

Taylor County

Gilman	30	1638CST			0	0	1.5K		Hail(1.75)
---------------	----	---------	--	--	---	---	------	--	------------

La Crosse County

La Crosse	30	1739CST			0	0	2K		Thunderstorm Wind (G57)
------------------	----	---------	--	--	---	---	----	--	-------------------------

Clark County

Owen	30	1740CST			0	0	7.5K	5K	Thunderstorm Wind (G61)
-------------	----	---------	--	--	---	---	------	----	-------------------------

Clark County

Owen	30	1745CST			0	0	4K	8K	Thunderstorm Wind (G70)
-------------	----	---------	--	--	---	---	----	----	-------------------------

Clark County

Abbotsford	30	1747CST			0	0	15K		Thunderstorm Wind (G61)
-------------------	----	---------	--	--	---	---	-----	--	-------------------------

Clark County

Abbotsford	30	1750CST			0	0	7K		Thunderstorm Wind (G61)
-------------------	----	---------	--	--	---	---	----	--	-------------------------

La Crosse County

West Salem	30	1751CST			0	0	1K		Thunderstorm Wind (G55)
-------------------	----	---------	--	--	---	---	----	--	-------------------------

Vernon County

5 S Genoa	30	1800CST			0	0	0.75K		Thunderstorm Wind (G55)
------------------	----	---------	--	--	---	---	-------	--	-------------------------

Clark County

1 N Riplinger	30	1810CST			0	0	3.5K		Thunderstorm Wind (G70)
----------------------	----	---------	--	--	---	---	------	--	-------------------------

Clark County

Colby	30	1820CST			0	0	5K	20K	Thunderstorm Wind (G61)
--------------	----	---------	--	--	---	---	----	-----	-------------------------

Adams County

New Rome	30	1905CST			0	0	25K		Thunderstorm Wind (G70)
-----------------	----	---------	--	--	---	---	-----	--	-------------------------

Winds estimated at 70 to 80 mph knocked down numerous trees and power lines. Some buildings sustained damaged in Abottsford (Clark County). A maple tree farm near Colby (Clark County) was hit hard by the severe winds, with an estimated 20 percent of the trees a total loss. In Adams County, a mobile home park was heavily damaged near the town of New Rome.